

ACC NR: AP6036957

during its discussion. Orig. art. has: 1 figure and 1 table.

SUB CODE: 20/ SUBM DATE: 26Feb66/ ORIG REF: 007

Card 2/2

ACC NR: AP7004978

SOURCE CODE: UR/0048/66/030/009/1477/1478

AUTHOR: Sidlyarenko, V.I.; Spikin, V.I.

ORG: Osh State Pedagogic Institute of the Kirgiz SSR (Oshskiy gosudarstvennyy pedagogicheskiy institut Kirgizskoy SSR)

TITLE: Microspectrophotometric investigation of the influence of dislocations on the stability of F centers in NaCl crystal phosphors /Report, Fourteenth All-Union Conference on Luminescence (Crystal Phosphors) held at Riga, 16-23 Sept. 1965/

SOURCE: AN SSSR, Izvestiya. Seriya fizicheskaya, v. 30, no.9, 1966, 1477-1478

TOPIC TAGS: color center, sodium chloride, silver, x ray irradiation, thermal stability, crystal lattice dislocation

ABSTRACT: The authors employed the microspectrophotometric technique of V.I. Sidlyarenko, F.N. Zaitov, and Yu.L. Lukantsever (Optika i spektroskopiya, 13, 143 (1962)) to investigate the thermal bleaching of F centers in regions with linear dimensions of the order of 0.01 cm in x irradiated NaCl crystals grown by the Kyropoulos technique and containing 0.2 mole percent Ag. The investigation was undertaken because a correlation had previously been found between the thermal stability of F centers and the density of dislocations in individual alkali halide crystals and it was desired to determine whether this correlation would extend to different regions of the same crystal. Thermal bleaching of the F centers was found to take place in two stages.

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The temperature at which the first (low temperature) stage of the thermal bleaching occurred varied from region to region and was higher in the regions with the higher dislocation densities, while the temperature at which the second stage took place was the same (from about 475 to 575° K) in all the regions. It is concluded that the presence of dislocations contributes to the low temperature thermal stability of E centers, but not to the high temperature thermal stability thereof. A brief explanation of the observed correlation is given in terms of the ionic thermal bleaching mechanism of Y.L.Lukantsever and F.N.Zaitov (Izv. AN SSSR. Ser.fiz.,25, 473 (1961)). The authors thank Yu.L.Lukantsever and F.N.Zaitov for their interest in the work and for valuable discussions. Orig. art. has: 1 figure and 1 table.

SUB CODE: 20      DATE SUBM: none      ORIG. REF: 007

Card 2/2

SPIKIN, Ya.I.

We carry out the finishing of the slopes of automobile roads with excavators. Transp. stroi. 13 no.6:47-48 Je '63. (MIRA 16:9)

1. Starshiy mashinist ekskavatora SU-803 Moskovskogo upravleniya stroitel'stva Glavnogo upravleniya po stroitel'stvu avtomobil'nykh dorog Ministerstva transportnogo stroitel'stva SSSR.  
(Excavating machinery)

SPIKITER, V.O.

403. Function of active centre of trypsin in formation of complex with ovomucoid. M. P. Chernikov and V. O. Spikiter. *Dokl. Akad. Nauk, S.S.S.R.*, 1955, 104: 750-752; *Referral Zh. Biol.*, 1956, Abstr. No. 68987.—The complex formed by the interaction of ovomucoid with trypsin [A] differs from its components in S and electrophoretic activity. Investigation of the sedimentation was carried out by means of Svedberg's oil centrifuge at 81,000 r.p.m. (250,000 g.) and rotor temp. of 21°. The ovomucoid was obtained by fractionating egg white with Na trichloroacetate and alcohol. Diisopropylphosphoryl trypsin [B] was obtained by the action of a large excess of diisopropylfluorophosphate [C] on a soln. of cryst. A in phosphate buffer, pH 7.9. On the basis of sedimentation measurements of a mixture of ovomucoid with different concn. of B with active A, and with both A and C, it is concluded that active A forms a complex which sediments much faster than its components. Inactive B does not form a complex. These conclusions are supported by electrophoretic experiments. The inhibition of A by C leading to almost complete lack of proteolytic activity is apparently connected with the inability of B to form a complex which points to the decisive rôle of the active centre of A in complex formation with proteins. (Russian)

B. IVANOV

2

SPILER, F.

Influence of importation on the home manufacture of electric appliances for general consumption.

p. 225 (Nova Proizvodnja) Vol. 8, no. 3/4, May 1957, Ljubljana, Yugoslavia

SO: MONTHLY INDEX OF EAST EUROPEAN ACCESSIONS (EEAI) LC, VOL. 7, NO. 1, JAN. 1958

SPILEWICZ, A.

1961. TECHNICAL PROGRESS IN THE POLISH COKING INDUSTRY. Spilewicz, A. and Kalinowski, B. (Koks, Smola, Gaz (Coke, Tar, Gas, Katowice), Jan. 1956, vol. 1, 7-11; abstr. in Ass. tech. Industri. Gaz Franco Circ. bibliogr., 15 Nov. 1956, (10), 5). A critical study of developments in the last few years and of future plans in connexion with coal preparation, coking, and recovery and conversion of by-products.

SPILIADIS, A.; BRETICANU, D.; SCHIP, Rosethea; CORNEA, Virginia; PANFIL,  
Emilia

Contributions to the study of high dispersion conditions of azoic  
dispersion dyestuffs. Pt. 1. Rev chimie Min petr 14 no.2:84-  
90 F '63.

SPILIADIS, A.

APPROVED FOR RELEASE: 08/25/2000  
ROMANIA/Chemical Technology Products and Their Applica-  
tion. Industrial Organic Synthesis. CIA-RDP86-00513R001652710007-2"

H-15

Abs Jour: Referat Zhur-Khimiya, No 5, 1958, 15405.

Author : Spiliadis A., Breticanu D., Badic Elena

Inst :

Title : Contribution to the Synthesis of 1-Hydroxy-Naphthalene-3,6,8-  
Trisulfonic Acid and Method of Analysis for the Control of  
Diazotization Process of 1-Amino-Naphthalene-3,6,8-Trisul-  
fonic Acid.

Orig Pub: Rev. chim., 1957, 8, No 4, 291-295.

Abstract: A study was made of the process of diazotization of 1-amino-  
naphthalene-3,6,8-trisulfonic acid (I) in the synthesis of  
1-hydroxy-naphthalene-3,6,8-trisulfonic acid (II): of the  
effect of  $H_2SO_4$  concentration, duration and temperature of  
heating, content of NaCl in I. The following optimal con-  
ditions were determined: stirring at 10-15° after addition

Card

Card : 1/2



SPILIADIS, A.

Cyanine dyestuffs.

P. 516 (REVISTA DE CHIMIE) (Bucuresti, Rumania) Vol. 8, no. 8, <sup>Aug</sup>~~July~~ 1957

SO: Monthly Index of East European Accessions (EEAI) LC Vol. 7, No. 5. 1958

SPILIADIS, A., ing.; SCHIP, R.T., ing.; CORNEA, I.V., chim.; HILSEN RATH,  
M., chim.

Contributions to the synthesis of the 4-amino-azo-benzene-4'-  
mono- and 3, 4'-disulfonic acids. Rev chimie Min petr 12  
no.11:665-670 N '61.

SANIELEVICI, H.; SPILIADIS, A.; TEODORESCU, E.

A new method in alkaline melting for the preparation of  
1,5-dihydroxynaphthalene. Rev chimie Min per 13 no.2:88-90  
F '62.

SPILIADIS, A.; BRETCANU, D.; CORNEA, V.; VLADIC, A.; MOLAU, G.

A desulfurating proceeding of phenol in order to obtain a product  
suitable for catalytic reduction. Rev chimie Min petr 13 no.3:  
141-145 Mr '62.

SANIELEVICI, H.; SPILIADIS, A.; BADIC, E.; CALIN, G.; ROSENBERG, S.

Dyestuffs for synthetic fibers. Pt.1. Rev chimie Min petr  
13 no.7:411-420 J1 '62.

SPILIADIS, A.; BADIC, E.; CORNEA, V.; HILSEN RATH, M.;  
BRET CAN, D.; NEAGOE, R.

Dyestuffs for synthetic fibers. Pt. 2. Rev chimie Mir  
petr 15 no. 1: 23-28 Ja '64.

SPILIADIS, A.; BRETCANU, D.; SCHIP, Rose-Thea; EFTIMESCU, C.; MOLAU, Georgetta

Contributions to the study of the drying conditions of some dispersion azodyestuffs in atomizers. Rev.chimie Min petr 15 no.6: 345-349 Je '64.

L 31447-66 EWP(j)/T RM

ACC NR: AP6023176

SOURCE CODE: RU/0003/65/016/002/0089/0093

AUTHOR: Spiliadis, A.; Badic, Elena; Neagoe, R.

26  
B

ORG: none

TITLE: Preparation of 6-methoxy-2-aminobenzothiazole

SOURCE: Revista de chimie, v. 16, no. 2, 1965. 89-93

TOPIC TAGS: polyacrylonitrile, synthetic fiber, thiocyanate, acetic acid, chemical synthesis

ABSTRACT: The authors discuss the preparation of this compound, used in the synthesis of cationic dyes for polyacrylonitrile fibers, by means of the treatment of 4-anisidine with (SCN)<sub>2</sub> obtained in the reaction mass of cupric thiocyanate. The optimal adjustment of various parameters (temperature, reaction time, ratio of acetic acid to anisidine, etc.) allows obtention of 98 percent conversion and 88 percent yield with maximal purity of the finished product. Orig. art. has: 6 figures and 2 tables.

[JPRS]

SUB CODE: 11, 07 / SUBM DATE: none / SOV REF: 005 / OTH REF: 014

Card 1/1

JT

0915

1387



CZECH/14-60-1-8/53

6 (6)

AUTHOR: Špilíchal, Jiří, Engineer

TITLE: The Time Magnifier and its Applications

PERIODICAL: Sdělovací technika, 1960, Nr 1, pp 11-13

ABSTRACT: The described instrument makes it possible when used with oscillograph Křižík T 531 connected as a synchroscope, to control a complete TV signal. A schematic presentation of the time magnifier is in Fig 1 and its general circuit diagram in Fig 2. The TV signal is brought to the input electron tube E1a connected as a cathode phase converter. The control grid of the second tube E2a is fed over a high resistance directly from the anode source. The synchronization mixture is led to the integration circuit composed of three parts; its time constant must be sufficiently great to prevent the circuit from reacting to lineary synchronization pulses. Through an increase of the transconductance of the pulse edge the accuracy of synchronization was equally improved. On the output of the amplifier a

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SPILIOI, A.I.

Effect of neosarsphenamine (neosalvarcan) on the intermediate metabolism of ascorbic acid in guinea pigs. Z. I. Spilioti. *Vopr. Med. Khim.* 5, 73-80 (1959). *Referat. Zhurn. Khim.* 1953, No. 7011. The animals were fed a ration of oats, hay, beets, cabbage, and water. One group of 45 animals was a control. The 2nd group of 49 animals received daily subcutaneously neosarsphenamine (I) so calculated that it amounted to 20 mg./kg. of body wt. The 3rd group of 12 animals received I and 100 mg. of ascorbic acid (II) per os. The expt. lasted 20-25 days. In the animals of the 2nd group were observed symptoms of poisoning by I, absent in the 3rd group. In a study of the liver by the thymol test with blood serum the animals of the 1st group all gave neg. results, animals of the 2nd group all pos. results, and the animals of the 3rd group gave 75% neg. and 25% weakly pos. results. In the animals of the 2nd group were observed degenerative changes in the parenchyma of the liver of the type of protein degeneration and fat regeneration. The activity of alk. phosphatase of the plasma detected by the Bodansky method was in the 1st group 4.4, in the 2nd group 2.6, and in the 3rd 4.7 units. The wt. of the suprarenal gland per 100 g. of body wt. was an av. of 54 mg. in the 1st, 103 mg. in the 2nd, and 73 mg. in the 3rd group. The concn. of II in the suprarenal glands of the animals of the 1st group was an av. of 41 mg. %, in the 2nd group 14 mg. %, and in the 3rd group 83 mg. %. The concn. of II in the liver did not change. Introduction of II simultaneously with I prevents the above-mentioned disturbances in the metabolism of II. It is concluded that while treating with org. derivs. of As it is advisable to introduce into the organism large doses of II in order to decrease injury to the liver, prevent the metabolism of II, and prevent the impoverishment of the organism in II. M. Nozh.

SHAMRAY, Ye.F.; VERKHNATSKIY, N.S.; KUZMINSKAYA U.A.; NIKONOVA, V.A.; SPILIOI, Z.I.

Chemical and functional relationships of vitamin C and vitam P-like substances. Vit. res. i ikh isp. no.4:30-40 '59. (MIRA 14:12)

1. Kiyevskiy meditsinskiy institut.  
(VITAMINS—P) (ASCORBIC ACID)

SPILIOTI, Z.I.

Influence of galascorbin on the glycogen and fat content of the liver  
in experimental toxicosis. Vrach.delo no.10:1055-1059 0 '59.

(MIRA 13:2)

1. Kafedra biokhimii (zaveduyushchiy - prof. Ye. F. Shamray) Kiyev-  
skogo meditsinskogo instituta.

(ASCORBIC ACID) (GLYCOGEN) (FAT METABOLISM) (LIVER)

SHAMRAY, Ye.F.[Sharmay, I.E.F.]; SPILIOTI, Z.I.; KHMELEVSKIY, Yu.V.  
[Khmelevs'kyi, I.U.V.]

A useful monograph ("Vitamin A" by K.M.Leutskii. Reviewed by  
E.F.Sharmay, Z.I.Spilioti, I.U.V.Khmelevskii). Ukr.biochim.zhur.  
32 no.2:319-322 '60. (MIRA 13:11)  
(VITAMINS--A)  
(LEUTSKII, K.M.)

HRBEK, J., Olomouc 5, Hnevotínská 3; NEVRLA, F.; POHANKA, J.; Technická  
spolupráce: SPILKA, O.; ZIZKOVA, D.; POLASKOVA, L.

Associated intero-reflex reactions in women during breast feeding.  
Cesk. gynek. 30 no.8:614-620 0 '65.

1. Katedra patolog. fyziol. (vedoucí doc. dr. J. Hrbek, CSc.) a  
gyn.-por. klir. (prednosta doc. dr. F. Gazarek, CSc.) lékařské  
fakulty Palackého University v Olomouci. Submitted July 10, 1964.

SPILLER, Fr., inz.

Removing of mechanical impurities from long-distance gas  
pipelines. Paliva 41 no.4:116 Ap '61.

SPILLER, F.

Removal of mechanical impurities from gas pipelines. Prace  
Ust paliv 6:171-187 '63.





L: 28464-66 EWT(d)/EWT(m)/EWP(c)/EWP(v)/T/EWP(t)/ETI/EWP(k)/EWP(l)/ETG(m)-6 IJP(c)  
 ACC NR: AP6010271 JD/HW SOURCE CODE: UR/0381/66/000/001/0024/0034

AUTHOR: Samsonov, Yu. I.; Teverovskiy, V. I.; Anikeyev, Ya. F.; Spil'nik, V. F.; Butenko, A. I.; Vit'ko, P. I. 56

ORG: Ukrainian Scientific Research Tube Institute (Ukrainskiy nauchno-issledovatel'skiy trubnyy institut); Nikopol' Southern Tube Plant (Nikopol'skiy yuzhnotrubnyy zavod)

TITLE: Quality control of thin-walled tubes 14

SOURCE: Defektoskopiya, no. 1, 1966, 24-34

TOPIC TAGS: ultrasonic flaw detector, flaw detection, metal tube, quality control/UDT-4  
 ultrasonic flaw detector, IDTs-3M ultrasonic flaw detector 26

ABSTRACT: The article presents the results of the research and development work on UDT-4 ultrasonic flaw finders at the Ukrainian Scientific Research Tube Institute and compares their performance with that of the IDTs-3M ultrasonic flaw finder. The UDT-4 pulsed ultrasonic flaw finder is designed for the quality control of thin-walled tubes through the excitation of normal waves in their walls. It consists of an electronic unit and a mechanical-acoustical part. The inspected tube is drawn through the device. If a flaw is present, a lamp glows on the panel of the electronic unit and at the same time the tube-drawing mechanism halts. The defective spot is pinpointed and subse-

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UDC: 620.179.16

L 28164-66

ACC NR: AP6010271

quently metallographically examined. The UDT-4 reliably reveals defects of the scale, film, scratch, crack and other types. Compared with the IDTs-3M the UDT-4 has a slower tube-drawing mechanism. On the other hand, the IDTs-3M is inferior in that it cannot be used to inspect bent or curved tubes and it involves vibration of the tube, which generates spurious signals. This comparison implies that a new flaw finder embodying the advantages of both devices can be developed. The UDT-4 in its present form may be used for high-speed flaw detection in shops fabricating a broad range of thin-walled precision tubes if the device is so modified as to use several ultrasonic pickups aligned along the tube axis. Thus, e.g. if 5-6 pickups with beam width of 10 mm each are used to inspect tubes rotating at the rate of 200 RPM, a productivity of approximately 600 m/hr or more than 4000 m per shift may be achieved. In mass production of tubes of a limited range of types, on the other hand, it is best to use ultrasonic flaw finders with a series of pickups mounted over the tube perimeter. Orig. art. has: 5 figures.

SUB CODE: 13, 11, 20/ SUBM DATE: 27Oct64/ ORIG REF: 001

Card 2/2 *LC*

ZORINI, A. Omodei; SPINA, G.; LUCCHESI, M.

Advances in chemoprophylaxis of tuberculosis with isoniazid.  
Cas.lek.cesk 100 no.32/33:1010-1014 18 Ag '61.

1. Klinika tuberkulozy University v Rime. Vedecke ustredi "C. Forlanini"  
Narodniho ustavu socialniho zabezpeceni. Reditel prof. A. Omodei  
Zorini.

(ISONIAZID ther)

SPINACHE, S., inginer-sef adjunct

Doubling the production. Constr Bud 14 no.676:3 22 D'62

1. I.P.M.C. - Palas, Constanta.

SPINADEL L.

Injekcni (nitrozilni) anestesia. Intravenous anesthesia7 Voj.  
zdrav. listy 19:9-10 Sept-Oct 50 p. 239-42.

1. NAI  
CLML Vol. 20, No. 2 Feb 1951

SPINADEL, L.

Immediate aims of the anesthesiologist. Voj.zdrav.listy 19 No.11-  
12:282-286 Nov-Dec 50. (CJML 20:5)

SPINADEL, L.

Cardiac patient as a problem for the anesthesiologist. Cas.  
lek. cesk. 89 no. 38:1060-1063 22 Sept. 1950. (CIML 20:1)

1. Military Hospital No. 1 in Prague.



SPINADEL, L.

Chloroform and modern viewpoint on its anesthetic use. Voj. zdrav.  
listy 20 no.2:76-78 Mar-Apr 1951. (CJML 20:11)

SPINADEL, L.

Problem of sleep therapy. Prakt. lek., Praha 31 no. 22:480-481  
20 Nov. 1951. (CLML 21:3)

1. Of the Central Military Hospital, Prague.

SPINADEL, L., Plk., MUDr.

Death after trichlorethylene (narcogenic) stupor. Cas. lek. cesk.  
91 no.3:80-83 18 Jan 52.

1. Z ustredni vojenske nemocnice v Praze.  
(TRICHLORETHYLENE, anesthesia and analgesia  
fatal)

SPINADKL, L., MUDr

Education and specialization in anesthesiology. Cas.lek.cesk. 91  
no.9:274-277 29 Feb 52.

1. UV Praha-Stresovice  
(ANESTHESIOLOGY,  
educ. & specialization)  
(SPECIALISM,  
anesthesiol.)

SPINADEL

The use of antihistamines and of pharmacological agents causing blockade of the neurovegetative system and potentiated anesthesia. Lev Spina del (Vstřední nemocnice, Prague-Střelovice). *Časopis lékařů českých*, 93, 614-17 (1951).—A review on recent progress. Ivo M. Hala.

SPINADEL, L., MUDr

Prevention and treatment of accidents in the operating room.  
Rozhl.chir. 34 no.5:283-294 May 55.

1. Z anesteziologickeho odd. ustredni vojenske nemocnice, Praha-  
Stresovice

(ANASTHESIA, complications

during surg., prev. & treatment)

(SURGERY, OPERATIVE, complications

caused by anesth., prev. & treatment)

SPINADEL, L., MUDr

Certain problems of anesthesia in brain surgery. Rozhl. chir. 34  
no.9:535-544 Nov 55

1. Ustredni vojenska nemocnice  
(BRAIN, surgery,  
anesth. (Cz))  
(ANESTHESIA,  
in brain surg. (Cz))

SPINADEL, Lev.

Present state of artificial hypothermia and its evaluation. Khirurgia,  
Sofia 10 no.9:776-785 1957.

1. Institut za spetsializatsiis na lekarite; Praga.  
(HYPOTHERMIA,  
review (Bul))



SPINADEL, L.

Importance of preparation and general anesthesia in toxic goiter surgery. Cas. lek. cesk. 96 no.1:17-20 4 Jan 57.

1. Anesthesiologicke oddeleni ustredni vojenske nemocnice, Praha-Stresovice.

(GOITER, surg.  
preanesth. & anesth. in toxic goiter (Cz))

SPINDEI, L. FIZEL, J

"Therapeutic use of low temperatures in surgery."

CESKOSLOVENSKA FYSIOLOGIE. Praha, Czechoslovakia, Vol. 7, no. 4, July 1958

Monthly list of East Europe Accessions (EEAI), LC, Vol. 8, No. 6, Sept 59  
Unclas

SPINADEL, L.

Various urological postoperative problems from the anesthesiological viewpoint. Cas. lek. cesk. 97 no.12:385-387 21 Mar 58.

1. UDL, Praha 12.

(URINARY TRACT, surg.

postop. abnorm. renal funct., anesth. aspects (Cz))

SPINADEL, L. (Praha 1, Celetna 23.)

Present status of the artificial lowering of temperature & its evaluation.  
Cas. lek. cesk. 97 no.41:1281-1285 10 Oct 58.

(HYPOTHERMIA

review (Cz))

SPINADEL', L., d-r

Massive hemorrhage into the brain during general anesthesia with  
the use of arterial hypotension. Khirurgiia no.6:45-48 Je '61.  
(MIRA 14:11)

1. Iz Instituta usovershenstvovaniya vrachey (Praga).  
(HYPOTENSION) (ANESTHESIA) (APOPLEXY)

SPINADEL', V.L.

"Electronic measuring instruments" [in Czech] by Josef Horák.

Radiotekh. i elektron. 3 no.6:855 Je '58.

(MIRA 11:6)

(Electronic instruments)

SPINADEL', V.L.

"Theoretical bases of centimeter-wave techniques" [in Czech] by  
Bohumil Kvasil. Reviewed by V.L. Spinadel'. Radiotekh. i elektron.  
3 no.7:976 J1 '58. (MIRA 11:9)

(Microwaves) (Kvasil, Bohumil)

STAROBA, Y. [Staroba, J.]; SHIMORDA, Y. [Simorda, J.]; SPINADEL', V.L.  
[translator]; SMIRNOV, V.A., red.; TIMOKHINA, V.I., red.;  
BORUNOV, N.I., tekhn.red.

[Static electricity in industry] Staticheskoe elektrichestvo  
v promyshlennosti. Moskva, Gos.energ.izd-vo, 1960. 247 p.  
Translated from the Czech. (MIRA 13:9)  
(Electrostatics) (Electricity, Injuries from)



SPINAR, J., inz. (Plzen)

Use of agglomeration plant slag in the building industry. Stavivo  
43 no.2:61-63 '65.

1. Submitted November 1964.

SPINAR, L.

"Flux screening and drying equipment."

p. 243 (Zvaranie) Vol. 6, no. 8, Aug. 1957  
Prague, Czechoslovakia

SO: Monthly Index of East European Accessions (EEAI) LC Vol. 7, no. 4,  
April 1958

SPINAR, ZDENEK V.

Spinar, Zdenek V. Revise nekterych moravskych diskosauriscidu (Labyrinthodontia) (1. vyd.) V Praze, Prirodovedecke vydavatelstvi, 1952. 159 p. (Orzpravy Ustredniho ustavu geologickeho, sv. 15) (Revision of some Moravian Discosauriscidae Labyrinthodontia) English Summary. Illus., 47 plates, bibl.)

SO: MONTHLY LIST OF EAST EUROPEAN ACCESSIONS, L.C. Vol. 3 No. 1 Jan. '54 Uncl.

SPINAR, Z.

"Eoelobates bayeri, a new frog from the Tertiary of Bohemia."p. 457. (Sbornik. Vol. 19, 1952, Praha.)

SO: Monthly List of East European Accessions, Vol. 3, No. 2, Library of Cong., Feb. 1954, Uncl.

SPINAR, Z.

Pouba, Z. Stratigraphic situation in the environs of the kaolin deposit near Chlumcary in the southern part of the Pizen basin. p.145.

VESTNIK, Prague, Vol. 29, no. 4, 1954.

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 5, No. 6 June 1956, Uncl.

SPINAR, Z.

"Stratigraphy of the Permian sediments in the area between Bacov and Svitavka in Moravia."

SBORNIK, ODDIL PALEONTOLOGICKY, Praha, Czechoslovakia, Ustredni ustav geologicky. Vol. 22, 1955.

Monthly List of East European Accessions (EEAI), LC, Vol. 8, No. 8, August 1959.  
Uncl.

SPIDAR, Z.

SPIDAR, Z. Some new paleontologic localities in the Tertiary of southern Bohemia. p. 215.

Vol. 31, No. 5, 1956.

VESTNIK.

GEOGRAPHY & GEOLOGY

Praha, Czechoslovakia

So: East European Accession, Vol. 6, No. 3, March 1957

SPINAR, Z.

GEOGRAPHY & GEOLOGY

Periodicals: CASOPIS PRO MINERALOGII A GEOLOGII. Vol. 3, no.1, 1958

PACLTOVA, B.; SPINAR, Z. A contribution to studies of the stratigraphic conditions of the basin of the lower Nezarka River and the New River in Southern Bohemia. p. 30

Monthly List of East European Accessions (EEAL) LC, Vol. 8, No. 5,  
May 1959, Unclass.



SPINER, E.

"Stratigraphy of the sediments in the bed of the upper flow of the Nova reba River."

CASOPIS PRO MINERALOGII A GEOLOGII, Praha, Czechoslovakia, Vol. 4, No. 2, 1959.

Monthly list of EAST EUROPEAN ACCESSIONS INDEX (EEAI), Library of Congress, Vol. 8, No. 8, August, 1959.

Unclassified.

SPINAR, Z.

A contribution to the knowledge of the stratigraphy of the sediments in the surroundings of Klikov in South Bohemia, p. 45

Prague, Ustredni ustav geologicky. VESTNIK. Prague, Czechoslovakia, Vol. 34, no. 1, 1959.

Monthly List of East European Accessions (EEAI), LC, Vol. 8, no. 11, Nov. 1959  
Uncl.

SPINAR, Z

"Professor Beringer's rehabilitation."

VESTNIK, ustredni ustav geologicky, Prague, Czechoslovakia, Vol. 34, No. 3, 1959.

Monthly List of East European Accessions (EEAI), LC, Vol. 8, No. 8, August 1959.  
Uncl.

SPINAR, ZDENEK V.  
SURNAME, Given Names

(1)

Country: Czechoslovakia

Academic Degrees: /not given/

Affiliation: Chair of Paleontology of the Faculty of Natural Sciences, Charles University (Katedra paleontologie na prirodovedecke fakulte University Karlova), Prague.

Source: Prague, Casopis pro Mineralogii a Geologii, Vol VI, No 2, 1961, pp141-147.

Data: "Paleontologic and Stratigraphic Research in the Area of Klec, Lomnice nad Luznici, and the Koclirov Pond."

Authors: PACITOVA, Blanka  
SPINAR, Zdenek V.

GPO 981643

SPINAR, Zdenek V.

SURNAME (in caps); Given Names

Country: Czechoslovakia

Academic Degrees: /not given/

Affiliation: Chair of Paleontology (Katedra paleontologie), Faculty of  
Natural Sciences (Prirodovedecka fakulta), KU /Karlova univer-  
sita; Charles University/, Prague.

~~Source:~~

Source:

~~Source:~~

Prague, Vestnik Ustredniho Ustavu Geologickeho, Vol XXXVI, No 2, 1961,  
pp 297-298.

Data:

"Some Notes on the Age of the Zliv Beds."

172

Author: [not given]; BRANER, Stanislav /author/  
Editor: [not given]; [not given]

Country: Czechoslovakia

Language: [not given]

Publication: [not given]

Prague,  
Source: Věstník Ústředního Ústavu Geologického, Vol XXVI, No 2, 1961, pp 227-230.

Book: "Principles of the Invertebrate Paleontology (Zaklady paleontologie bez-  
obratulych), Prague, Publishing House of the Czechoslovak Academy of Scien-  
ces (Vydavatelství CSAV [Ceskoslovenska akademie ved], 1960, 836 pages.

SPINAR, Zdenek

Preliminary report on some results of the study of frogs from the  
Palaeobatrachidae Cope, 1889 family. Vest Ust geol 38 no.3:201-  
204 My '63.

1. Katedra paleontologie prirodovedecka fakulty, Karlova  
Universita, Praha.

UHLIK, Branko, dr inz.; SPINDERK, Stjepan

Microbiological determination of antibiotics. Kem ind 12  
no.3:151-162 Mr '63.

1. Veterinarski institut, Zagreb.



L 18349-65 EWT(m)/EWP(e)/EPR/EWP(t)/EWP(k)/EWP(b) Pf-4/Ps-4 ASD(m)-3/AFIC(p)/  
 ACCESSION NR: AP4048736 IJP(c) JD Z/0034/64/000/011/0834/0834

AUTHOR: Thummler, F. (Doctor, Engineer); Strobel, E. (Engineer);  
Schmidt, R. (Engineer); Spindler, H. (Graduate chemist)

TITLE: Production method for sintered heat- and corrosion-resistant  
 aluminum alloys. No. 6080-61

SOURCE: Hutnicke listy, no. 11, 1964, 834

TOPIC TAGS: aluminum, alloy, sintered alloy, heat resistant alloy,  
corrosion resistant alloy, SAP alloy

ABSTRACT: A patent has been issued for a production method for sin-  
 tered heat- and corrosion-resistant aluminum (SAP) alloys. First, an  
 alloy with 8—12% silicon and a low content (up to 3%) of nickel and  
 titanium is melted. This alloy is atomized to a powder with 1—2%  
 $Al_2O_3$ . The  $Al_2O_3$  content is increased to 6—15% by grinding the  
 powder mixed with gasoline in a vibrating mill. The powder is then  
 processed into sintered articles.

ASSOCIATION: none

Card 1/41

SPINDLER, J.

Lesions of the parotid region and facial paralysis caused by para-pharyngeal and retropharyngeal foreign bodies. Cesk. otolar. 10 no.2: 112-114 Ap '61.

1. Katedra detske otorinolaryngologie Fakulty detskeho lekarstvi, Praha, vedouci doc. MUDr. Jan Chvojka.

(PAROTID GLAND dis) (FACIAL PARALYSIS etiol)  
(PHARYNX for bodies)

SPINDLEROVA, Andela

Zaklady osetrovani nemocnych. Ucebni text pro 1. a 2. rocnik zdravot. skol.  
(Principles of the Care of Sick Persons; a textbook for the 1st and 2d grade of  
the schools of health. 3d ed. illus.) Prague, SZdN, 1957. 209 p.

Bibliograficky katalog, CSR, Ceske knihy, No. 33. 24 Sept 57. p. 720.

SPINEROVA, A., MUDr.; SVEHLOVA, K., MUDr.

Accomplishment of the reorganization of the sub-professional medical education. Cesk. zdrav. 10 no.4:175-181 '62.

1. Ministerstvo zdravotnictvi.

(EDUCATION NURSING)

(MIDWIVES educ)

(PUBLIC HEALTH educ)

SPINDLEROVA, A., MUDr.; SVEHLOVA, K., MUDr.

Current status of the reorganization of health education. Cesk.  
zdrav. 10 no.4:179-181 '62.

1. Ministerstvo zdravotnictvi.  
(EDUCATION MEDICAL)

KUNDRAT, J.; SPINDRICH, J.

Isolated fracture of the diaphysis of the radius. Rozhl. chir.  
43 no.7:481-485 JI '64.

1. Ortopedické a traumatologické oddělení městské nemocnice s  
poliklinikou v Ostravě (vedoucí MUDr. K. Novotný).

SPINDRICH, J.

Therapeutic results with irradiation of malignant goiter. Acta radiol.  
cancer. bohem. 5 no.1-2:2-7 Apr 1951. (CML 20:9)

1. Of the National Institute of Radiotherapy (Director--Prof.  
J. Spindrich, M.D.), Brno.

SPINCEANU, A., prof. (Bucuresti)

Aglia tau L. (Lepidoptera-Attacidae) around Bucharest. Natura  
Biologie 16 no.2:82-83 Mr-ap '64.



SPINEANU, G.

Mechanization of the introduction of metal tubes at crossings of communication  
ways. p. 4.  
(TEHNICA NOUA. ROMANIA. Vol. 3, no. 58, July 1956.)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, no. 7, July 1957. Uncl.

BURLUI, D.; PRISCU, AL.; MIULESCU, I.; MUNTEANU, R.; MIHAI, V.; SPINEANU, I.

Surgical treatment of the peripheral ischaemia syndrome by Ognev's operations associated in a single stage with medullosclerosis of the left adrenal gland. Rumanian med. rev. no.2:76-81 '62.

(VASCULAR DISEASES) (SYMPATHECTOMY) (ADRENALECTOMY)

SPINEANU, Teodor

Condition of success, respecting the competition obligations. Munca sindic 7 no.9:10-13 S '63.

1. Presedintele comitetului sindicatului Combinatul Chimic, Tirnaveni.

SPINEANU, Tudor

Courses for the improvement of qualifications organized according to trades and level of appointments. Munca sindic [7] no.1:14-16 Ja '63.

1. Presedinte al comitetului sindicatului de la Combinatul Chimic "Karl Marx", Tirnaveni.

CURTEANU, G., dr.; BOZSODI, I., dr.; TAUTU, M., dr.; SPINEANU, V., dr.

Considerations on some clinical and radiological aspects of congenital dislocation of the hip in infants. *Pediatria (Bucur.)* 14 no.3:251-260 My-Je '65.

1. Lucrare efectuata in Partea clinica, Spitalul unificat de copii, Oradea (director: dr. L. Kende) (for Curteanu, Bozsodi, Boeru, Tautu). 2. Lucrare efectuata in Partea radiologica, Spitalul unificat de copii, Oradea (director: dr. L. Kende) (for Spineanu).

RUMANIA/Human and Animal Physiology. The Sensory Organs

T-13

Abs Jour : Ref Zhur - Biol., No 14, 1958, No 65827

Author : Vago O., Spiner A., Coman Al., Oltet Mariana

Inst : -

Title : An Experimental Investigation of the Uterine Pressoreceptors.  
A Preliminary Report.

Orig Pub : Obstetr. si ginecol., 1957, 5, No 2, 122-128

Abstract : No abstract

Card : 1/1

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SPINER

RUMANIA/Virology - Viruses of Man and Animals.

D-3

Abs Jour : Ref Zhur - Biologiya, No 7, 10 April 1957, 26131  
Author : Elias, Brukner, Marinesku, Brikman, Fridman, Teodoresku,  
Spiner.  
Inst :  
Title : Clinical Forms of Infectious Hepatitis among Children  
and their Relation to age.  
Orig Pub : Pediatria, 1956, 5, No 2, 168-183  
Abst : No abstract.

Card 1/1

GOLAESCU, Maria, Dr.; TEODORESCU, Sanda, dr.; SPINER, Frima, dr.;  
RADACOVICI, Silvia, dr.

Results of chloramphenicol, chlorpromazine and isoniazid  
in therapy of uncomplicated convulsive whooping-cough. Med.  
int., Bucur. 9 no.4:544-556 Apr 57.

1. Lucrare efectuata in clinica de boli infectioase I.M.F.  
Bucuresti (prof. M. Voiculescu).

(WHOOPING COUGH, ther.

chloramphenicol, chlorpromazine & isoniazid, comparative  
results)

(CHLORAMPHENICOL, ther. use

whooping-cough, comparison with chlorpromazine &  
isoniazid)

(CHLORPROMAZINE, ther. use

whooping cough, comparison with chloramphenicol &  
isoniazid)

(ISONIAZID, ther. use

whooping cough, comparison with chloramphenicol &  
chlorpromazine)



DANILIA, P.; BRUCKNER, S.; RADULESCU, A.; BRIGMAN, B.; FRIEDMAN, L.; TEODORESCU, T.;  
CIUREZU, V.; SPINER, F.; TAINDEL, Cl.; STERESCU, L.; VASILIU, P.

Studies of the presence of pathogenic staphylococci in hospitalized patients of contagious diseases; incidence of staphylococcic complications after antibiotic therapy. Med. int., Bucur. 9 no.12:1821-1828 Dec 57.

1. Clinica de boli contagioase I.M.F. Bucuresti, Spitalul "Colentina"  
(director prof. M. Voiculescu)

(COMMUNICABLE DISEASES, in inf. & child  
ther., antibiotics, develop. of resist. & subsequent  
micrococcal compl.)

(MICROCOCCAL INFECTIONS, in inf. & child  
develop of antibiotic-resist. infect. after antibiotic  
ther. of contagious dis.)

SPINER, F.  
ELIAS, H., (Lecturer); BRUCKNER, S.; MARINESCU, Gh.; BRIKMAN, B.; FRIEDMAN, I.;  
TEODORESCU, T.; SPINER, F.

Clinical forms of epidemic hepatitis in children, according to age.  
Rumanian M. Rev. 2 no.1:35-36 Jan-Mar 58.  
(HEPATITIS, INFECTIOUS, in inf. & child  
classif. of clin. forms according to age, statist.)

DUMITRESCU, Maria, dr.; GOLAESCU, Maria, dr.; SPINER, Frima, dr.; CONSTANTINESCU, S., dr.

On several cases of whooping cough and tuberculous meningitis with abdominal primary complex caused by a tubercle bacillus resistant to antibiotics. Med. int., Bucur. 12 no.1:111-117 Ja '60.

1. Lucrare efectuata in Clinica de boli contagioase I.M.F., Bucuresti, director: prof. M. Voiculescu.

(TUBERCULOSIS, MENINGEAL, complications)

(WHOOPING COUGH, complications)

(ANTITUBERCULAR AGENTS, therapy)

SPINNER, P.

The application of the magnetophone in communications. p. 35.  
(Vasiona, Vol. 5, No. 1/2, Jan/June, 1956, Beograd, Yugoslavia)

SO: Monthly List of East European Accessions (EEAL) Lc. Vol. 6, No. 8, Aug 1957. Uncl.

SPINEY, N.S., fel'dsher.

Organization and administration of antituberculosis inoculations  
at a feldsher-midwife center. Zdravookhranenie 3 no.1:58-59  
Ja-F '60. (MIRA 13:6)

1. Zaveduyushchaya fel'dshersko-akusherskim punktom sela Tem-  
leutsy Kalarashskogo rayona.

(TUBERCULOSIS--PREVENTIVE INOCULATION)

"Experiences with an Effective Sample Taking in Pharmacies "

APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001652710007-2"

SPINKA, Josef, inz., dr.

New techniques in lighting railroad shunting yards. Zel dop tech 9 no.12:  
360-362 '61.

PROCESSES AND PROPERTIES INDEX																									
1ST AND 2ND ORDERS													3RD AND 4TH ORDERS												
<p><i>ca</i></p> <p>The basis of evaluating calcium and phosphorus contents of foods. <b>JOSEF SPINKA.</b>  <i>Chem. Listy</i> 24, 345-6(1931).—S. tries to distinguish between calcification and ossifica-  tion and shows that Schneider's view of a favorable Ca:P ratio being all that is neces-  sary for the above processes is untenable. The role played by radiation and vitamin  D is emphasized. J. SCHNICKER. <i>Ibid</i> 348-7; cf. C. A. 25, 133.—S. emphasizes the  view that in a normal healthy individual a favorable Ca:P = 1:0.444 is the only re-  quirement for normal mineral metabolism. Only in deficiencies or pathol. individuals  is it necessary to add vitamin D, radiation or hormones. <b>FRANK MARSH</b></p> <p><i>11e</i></p>																									
<p>ASD-SLA METALLURGICAL LITERATURE CLASSIFICATION</p>																									

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PROCESS AND PROPERTIES INDEX

New problems and advances of present-day pharmacotherapy. JOSEF ŠPINKA  
FRANK MARRAS  
(Chem. Listy 25, 101 (1931)).

ASACSLA METALLURGICAL LITERATURE CLASSIFICATION

1ST AND 2ND GROUPS



1ST AND 2ND ORDERS										3RD AND 4TH ORDERS									
PROCESSES AND PROPERTIES INDEX																			
<p>CA</p> <p>17</p> <p><b>Summary.</b>  <b>The history production of drugs as a branch of chemical industry.</b> Josef Spinka. <i>Chem. Listy</i> 29, 99-104, 118-21, 124-7, 149-50 (1935).—S. gives a historical sketch of the discovery and prescription of drugs and reviews the mfg. methods used to prepare tablets, capsules, tinctures, ext., emulsions, pastes and pills of the more common drugs.  Prank Mareš</p>																			
ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION																			
1ST AND 2ND ORDERS										3RD AND 4TH ORDERS									
1ST AND 2ND ORDERS										3RD AND 4TH ORDERS									

The vitamins of dietetic products. Josef Spinks, (Chem. Listy 32, 76-9, 1903-3(1938)).—S. describes the outstanding properties of vitamins A to E, discusses the requirements of the body for vitamins under various conditions (growth, illness, pregnancy, senility, etc.) and presents tables which give the vitamin content of the common diets. Frank Marsh

Frank Marsh

434 314 METALLURGICAL LITERATURE CLASSIFICATION

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*CP*

**PROCESSED AND PROPERTY INDEX**

**THE TECHNOLOGICAL POSSIBILITIES OF UTILIZING THE BIOCHEMICAL PROPERTIES OF OAT KERNELS.** Josef Spinka. *Chem. Listy* 33, 38-43, (9) 9(1930). Oats from the Labe (Elbe) lowlands of Bohemia contained N substances 9.2%, carbohydrates 56.1, cellulose 9.8,  $P_2O_5$  in the ash 35.0 and  $K_2O$  in the ash 19.0%. Oats from the highlands of southern Bohemia contained N substances 11.6, carbohydrates 53.7, cellulose 12.0,  $P_2O_5$  in the ash 41.5 and  $K_2O$  in the ash 19.7%. Oats grown on the highlands contained a higher percentage of biochem. elements than the same variety of oats grown in the lowlands. In oat kernels the contents of albumins, fats (sterols, lecithin, xanthophylls, carotenoids, and an olefin hydrocarbon), S, Fe, As, SiO<sub>2</sub>, and porphyrins were higher than for other cereals. The enzyme content of oat kernels was low; oats formed fewer enzymes during fermentation than the other cereals formed. The fermenting oat kernels contained a growth hormone (blastanin and auxin) identified as a dihydroxylactone. From unfermented kernels

S. prepd. a hormone which after subcutaneous injections into mice lowered the level of blood Ca. The alkaloid avenine postulated by Sanson could not be located in oat kernels; the beneficial effect of oat kernels in the diet of patients suffering from a neuro-muscular ailment is ascribed to the action of other substances (lecithin and a cortin-like hormone). S. investigated the use of oat kernels in the prepn. of (a) flours, especially those for children's diets for which oats grown on the highlands is preferable, (b) foods and diets for diabetics and asthenics, (c) pharmacol. exts. which have a tonic or a sedative action, (d) cosmetic powders, (e) bath salts and lotions, (f) pastes and poultices for the treatment of skin burns, (g) starch or dextrin adhesive pastes, (h) oat flours for the preservation of bacon, potatoes, nuts, margarines, mayonnaise, (some constituent, possibly the carotenoids, prevents rancidity in the fats). Oat hulls and straw are suitable for the prepn. of lactic acid, AcOH and furfural (for the prepn. of artificial plastics); they were not suitable for the prepn. of EtOH (owing to the contamination by butyric acid) and vanillin (owing to high costs).

The detailed analyses and expts. conducted by S. on oats grown in Czechoslovakia are supplemented by tables of analyses of oats conducted in neighboring countries.

Frank Mareš

**AS 51.4 METALLURGICAL LITERATURE CLASSIFICATION**

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SPINKA, Josef

Chemical Abst.  
Vol. 48  
Apr. 10, 1954  
Foods

(2)  
Biochemistry of manufactured industrial fodder mixtures and their raw materials. Josef Špinka (Biochem. Lab., Krá, Czech.). *Socialist. Zemědělství* 3, 1102-9(1953).— The biochem. of some of the raw materials, the manuf. of fresh fodder mixts., and preservation during long storage is discussed. Pointed out especially is the danger of using rancid fats in fodders for animals with a short digestive tract and for sick and young animals (chicks). J. M.

SPINKA J.

CZECHOSLOVAKIA /Farm Animals. Poultry.

Q-4

Abs Jour: Ref Zhur-Biol., No 23, 1958, 105770.

Author : Spinka, J.

Inst : Not given.

Title : Effect of Brower's Yeast Activated with Ultra-violet Rays upon the Sexual Development of Young Cocks.

Orig Pub: Sbor. Coskosl. akad. zemed. ved. zivoc. vyroba, 1956, 29, No 8, 603-610.

Abstract: An experimental rachitogenic feeding mixture for ten weeks old cockerels of the Leghorn breed was prepared from husked corn grains 58%, husked barley 24%, dried casein extracted with methanol 12%, chalk 3%,  $\text{Ca}_3(\text{PO})_4$  1%, wheat sprout oil 0.5%,  $\text{FeSO}_4$  0.1% and  $\text{CuSO}_4$  0.02%. The control

Card 1/2

Q - 71

CHUDACEK, Z.; SPINKA, J.

Comparative results in intravenous cholangiography with biligrafin & in peroperative cholangiography. Cesk. rentg. 12 no.3:176-178 Sept 58.

1. Ustredni rtg oddeleni Statni fakultni nemocnice v Plzni, prednosta prim. MUDr. A. Cipera II. chirurgicka klinika fakulty veeob. lekarstvi v Plzni, prednosta doc. dr. J. Spinka. Z. Ch., Plzen, Marxova 13.

(CHOLANGIOGRAPHY

contrast medium, sodium iodipamide in intravenous & peroperative cholangiography comparison (Cz))

(IODIPAMIDE

sodium iodipamide in intravenous & peroperative cholangiography, comparison (Cz))

EXCERPTA MEDICA Sec 7 Vol 13/7 Pediatrics July 59

1670. CLINICAL DATA ON SECONDARY AVASCULAR NECROSIS OF THE HEAD OF THE FEMUR IN CHILDREN - Klinický příspěvek k druhotné avaskulární nekrose hlavičky kyčelního kloubu u dětí - Špinka J. II. Chir. Klin., Lék. Fak., KU, Plzeň - ACTA CHIR. ORTHOP. TRAUM. CECR. 1958, 25/3 (181-190) illus. 4

The head of the femur is only rarely fractured in children; most frequently these fractures occur in the cervico-trochanteric area. Relatively frequent are fractures that have the form of subperiosteal bone fissures. In these are not overlooked they usually are not serious and heal rapidly, and the results are satisfactory. Frequently, however, after a period free from complaints symptoms of gross anatomical damage of the joint appear as the injury has seriously affected the nutrition of the growing epiphysis which has become necrotic. The case is reported of a boy aged 14 yr. who sustained a subperiosteal fracture in the subtrochanteric area and in whom necrosis of the femoral head developed, in spite of careful primary treatment and a symptom-free period of 9 months. Measures to prevent or limit the resulting disability are discussed.

(IX, 7)



CHUDACEK, Zdenek; SPINKA, Josef

Sources of difficulties in evaluation of peroperative cholangiograms.  
Cesk.rentg. 14 no.5:314-320 0 '60.

1. Ustredni rtg oddeleni ~~SN~~ v Plzni, prednosta doc. dr. Frant.  
Holik II. chirurgicka klinika lek. fak. v Plzni, prednosta doc.  
dr. Josef Spinak.

(CHOLANGIOGRAPHY)

SPINKA, J.

Contribution to the clinical features of pancreatic abscess and to the question of its internal drainage. Acta univ. carol. [med.] 7 no.5:635-646 '61.

1. II. chirurgická klinika lékařské fakulty University Karlovy v  
Pízní, přednosta doc. MUDr. J. Spinka.  
(PANCREAS diseases)

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Dubin-Johnson syndrome. Chronic idiopathic icterus with pigments, probably of melanotic origin, in the blood plasma and liver cells. Rozhl.chir.40 no.2-3:190-195 Mr '61.

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(PIGMENTS)

SPINKA, Josef

Dissecting aneurysm of the aorta simulating arterial embolism of the lower extremity. Rozhl. chir. 40 no.9:618-623 S '61.

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(AORTIC ANEURYSM diagn) (LEG blood supply)